

IMMUNE TOLERANCE TO PREDETERMINED ANTIGENS

**ABSTRACT OF THE INVENTION**

[0086] The present invention provides compositions and methods for inducing immune tolerance to one or more specific antigens in a host mammal. Generally, the methods involves engineering white blood cells, *in vitro*, to express an antigen which is not native to the host mammal. Cells engineered *ex vivo* are then introduced into the host mammal to induce immune tolerance to the expressed antigen.